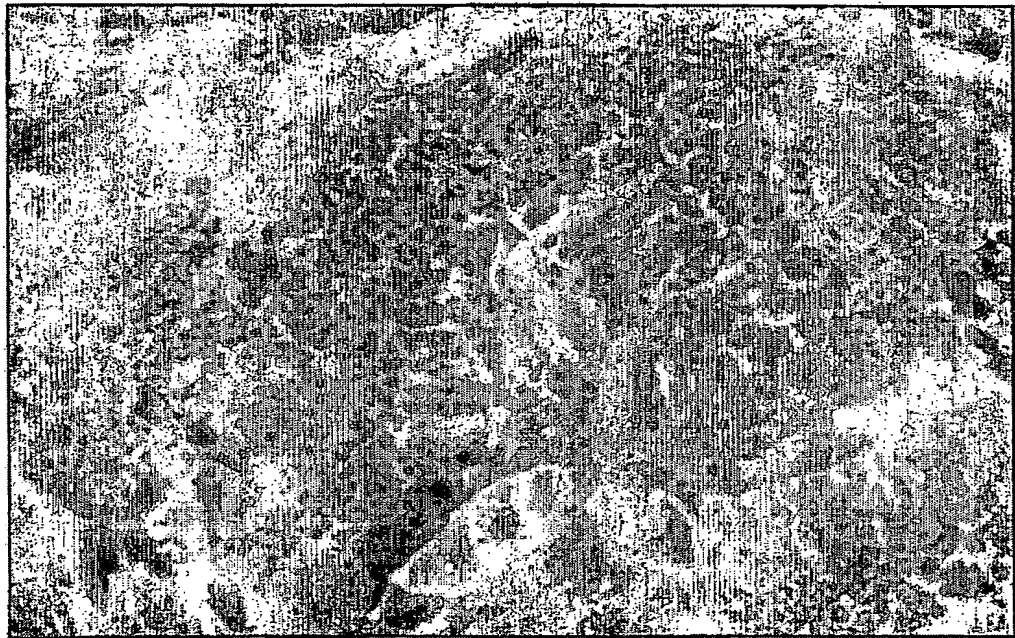


Fig 1



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Fig 2



EMA-1



AP



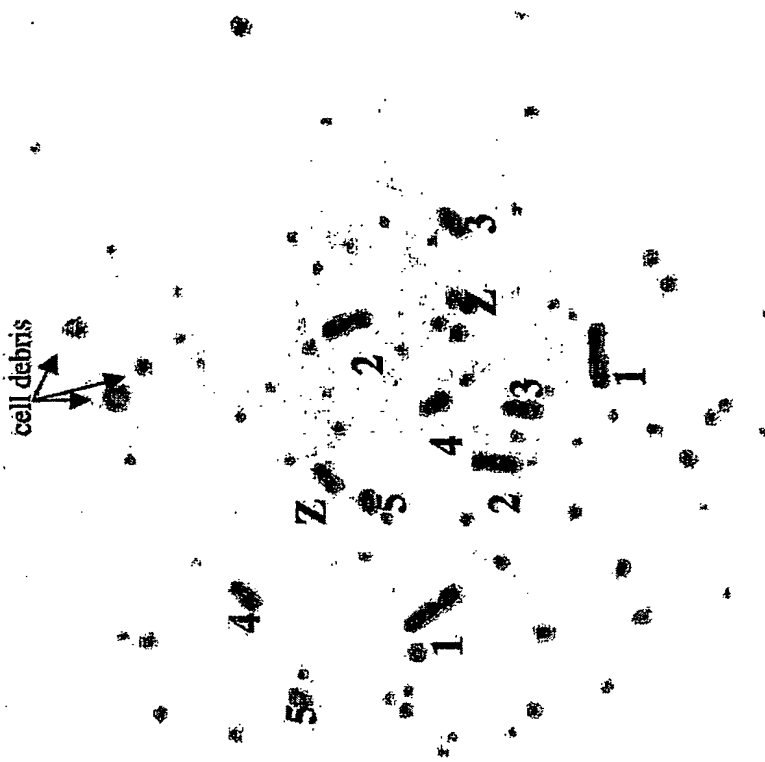
Phase



SSEA-1

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Fig.3



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Fig 4



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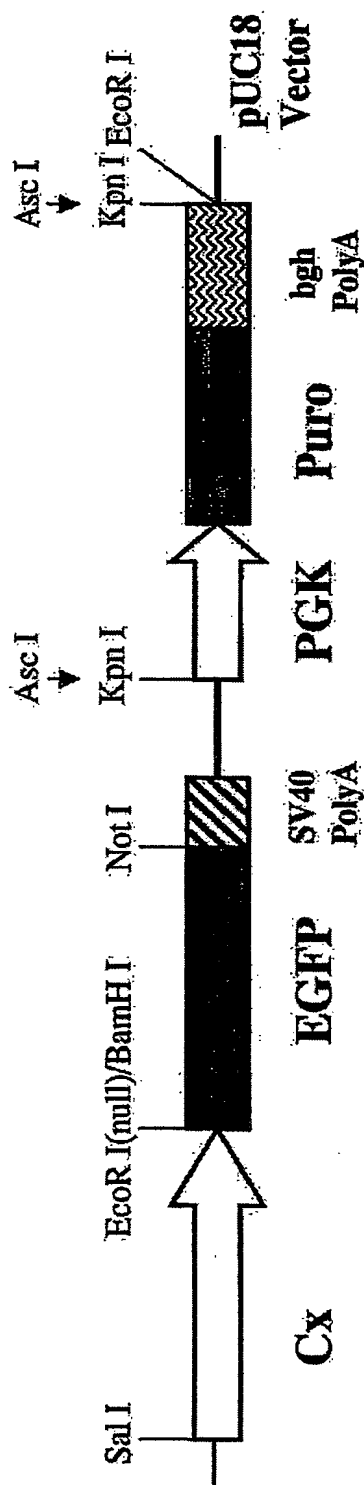
Fig 5



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Fig 6

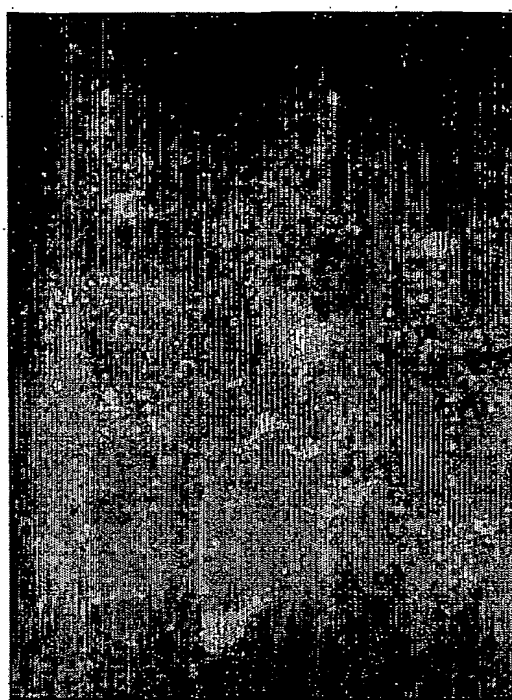
pCxGFP/Puro



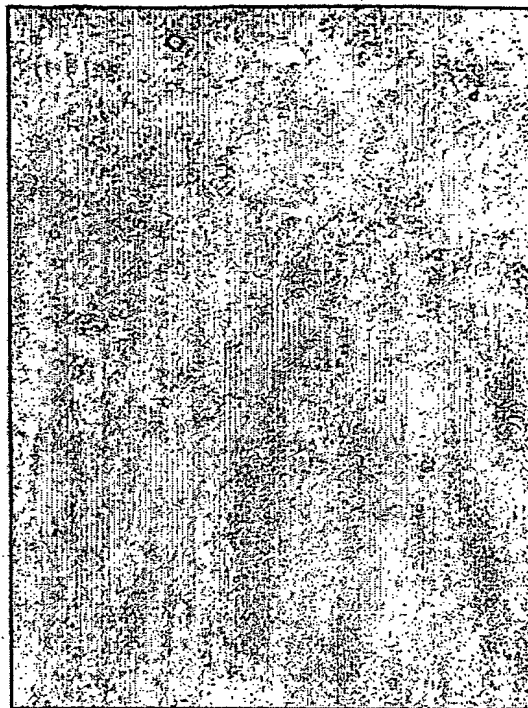
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Fig 7

ES cells expressing EGFP

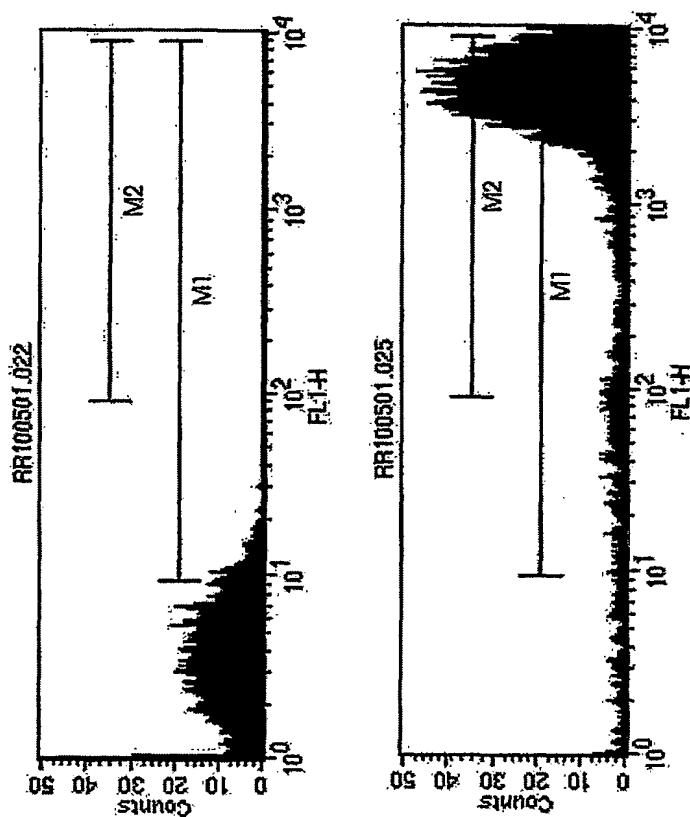


Same field under phase



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Fig 8

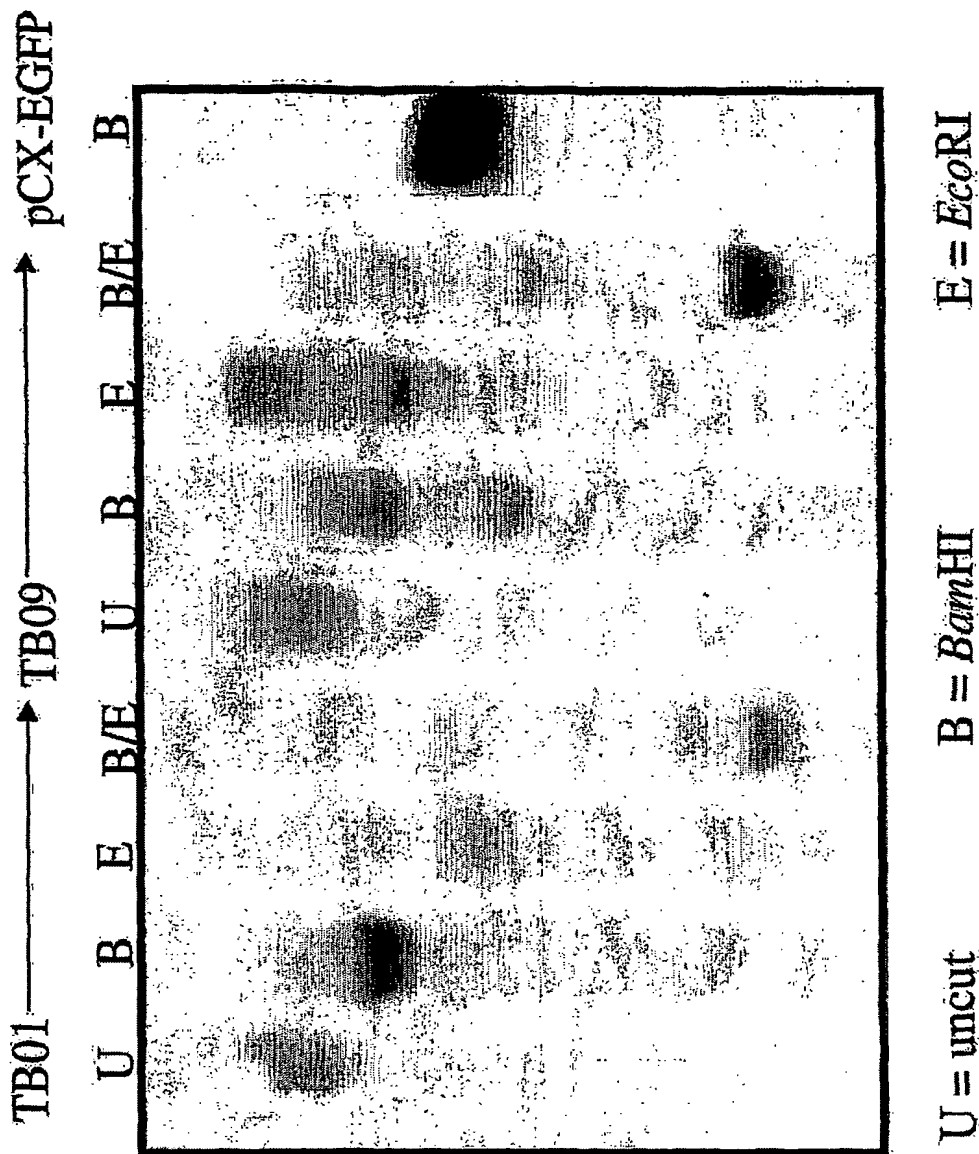


1.

2.

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Fig 9



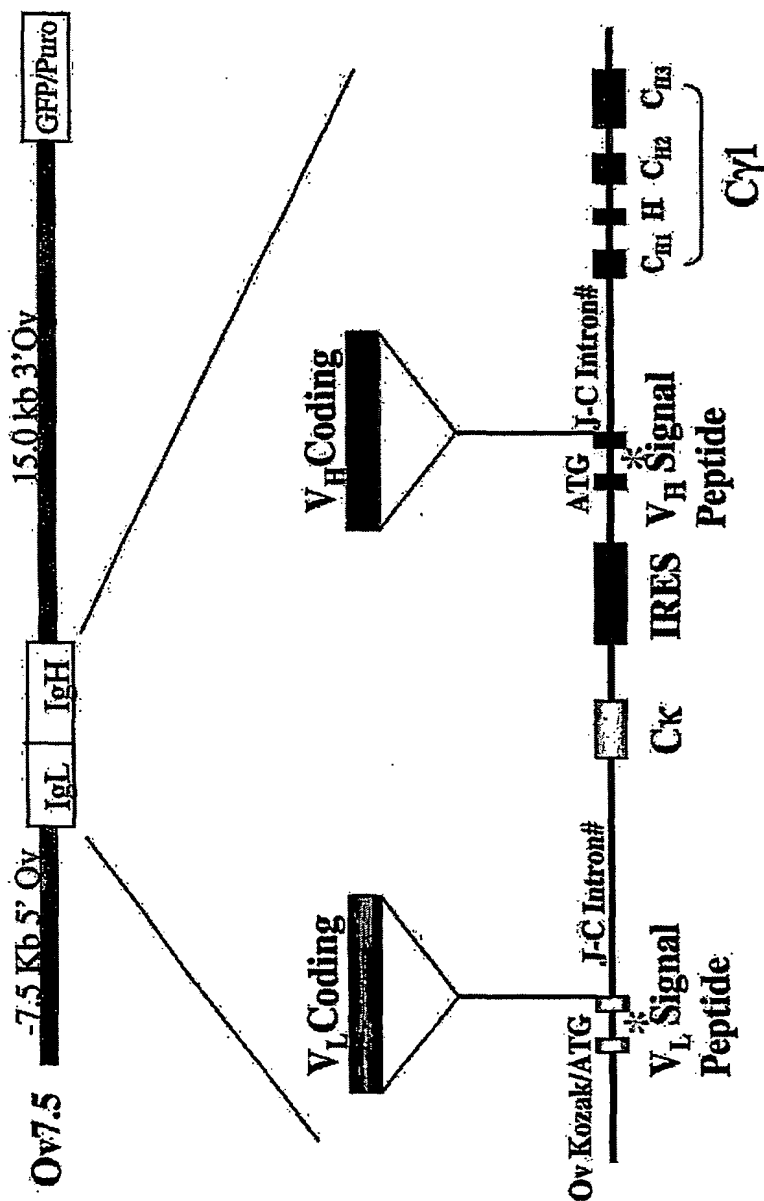
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FIG 10A

Ov7.5

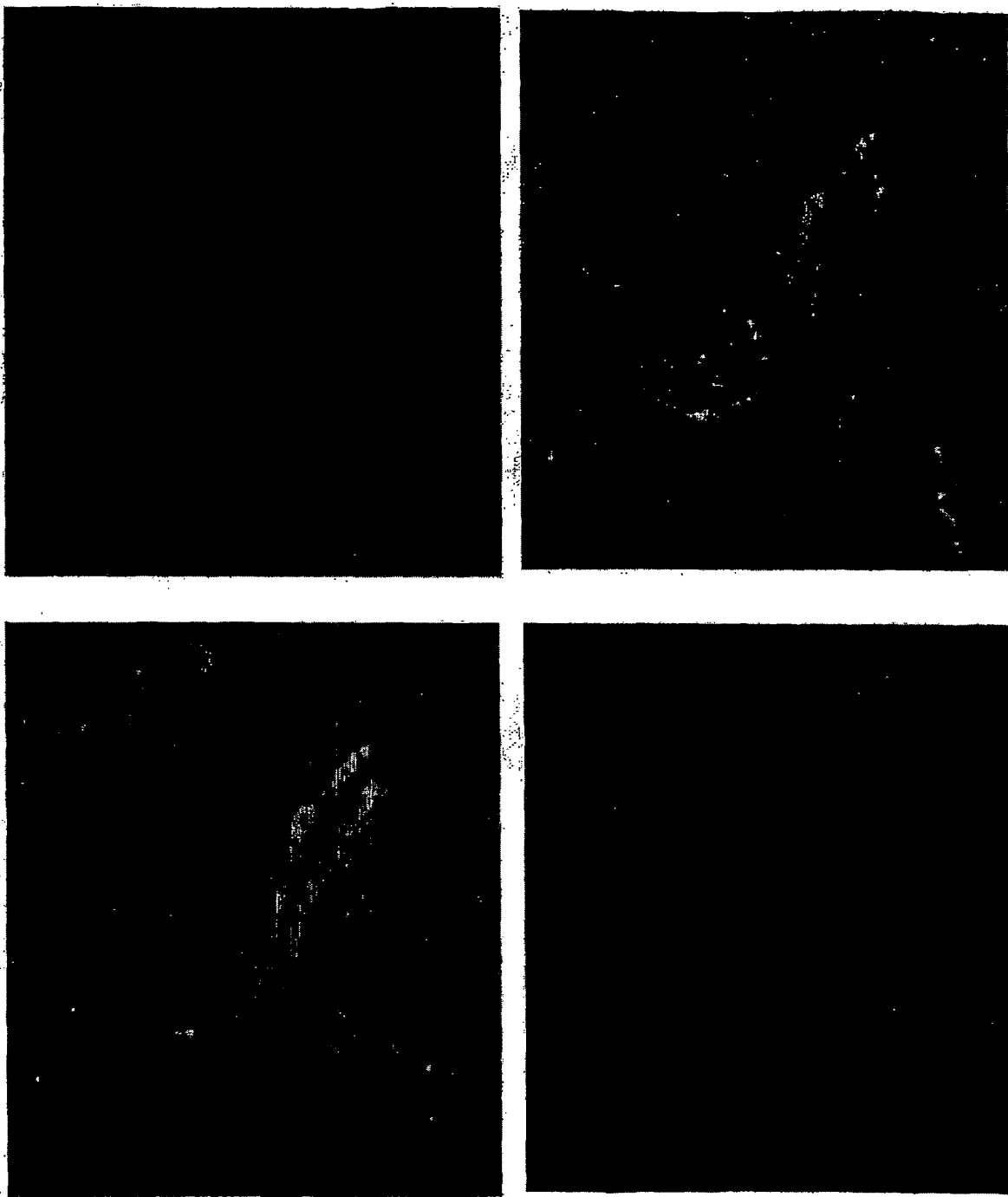


* Location of engineered restriction sites

Part of the intron sequences

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FIG 10B Expression of anti-dansyl MAb in tubular gland cells
of 2-week female chimeras induced by estrogen



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RT-PCR OV10 Experiment

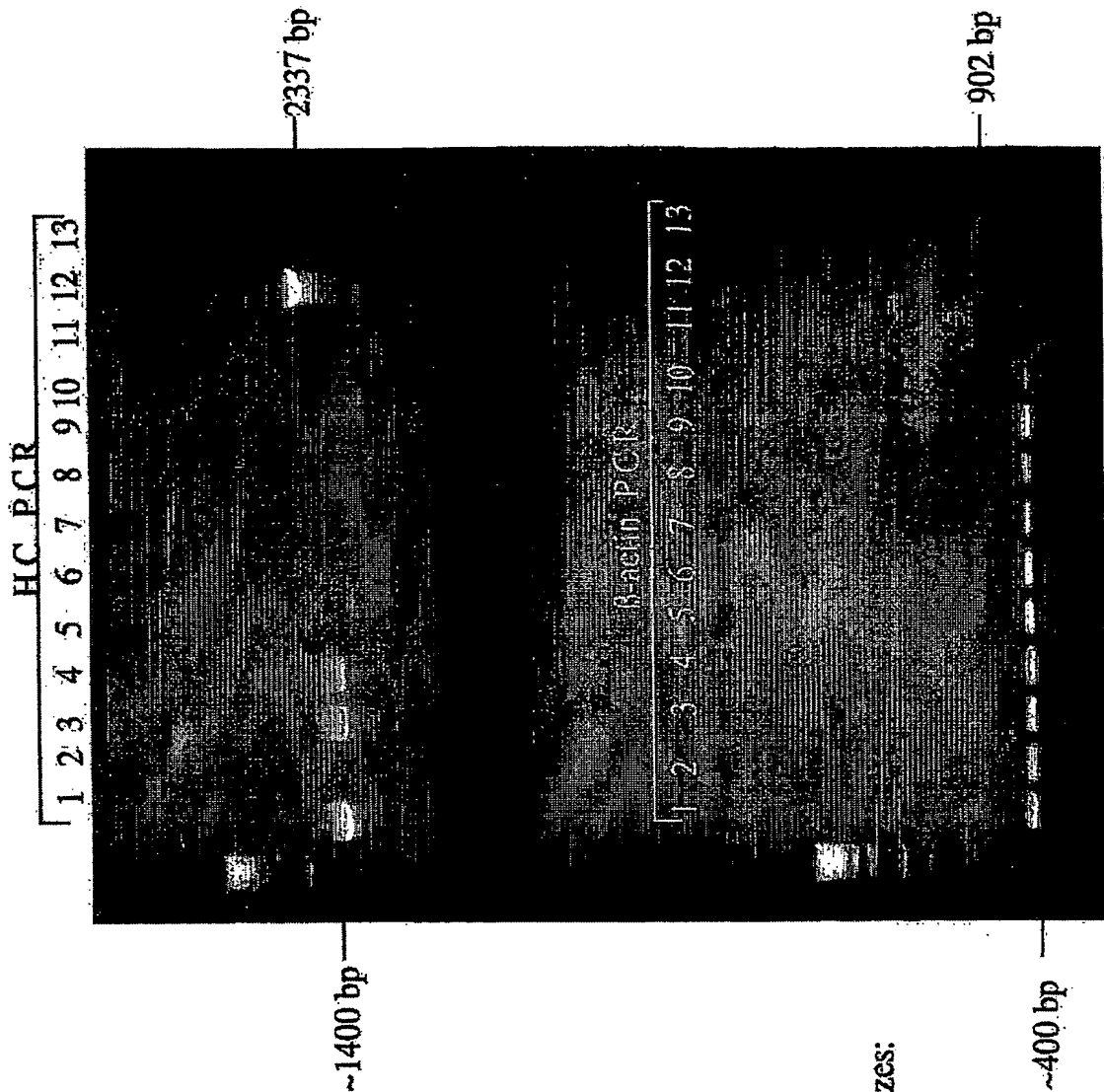
FIG 10C

OV10 GFP+ tissue

- 1. 17 magnum
- 2. 55 magnum
- 3. 66 magnum
- 4. 79 magnum
- 5. 102 magnum
- 6. 55 gut
- 7. 79 pancreas
- 8. 79 brain
- 9. 102 brain
- 10. 102 leg muscle
- 11. Primer only
- 12. pOV7.5
- 13. BR genomic DNA

Expected PCR product sizes:

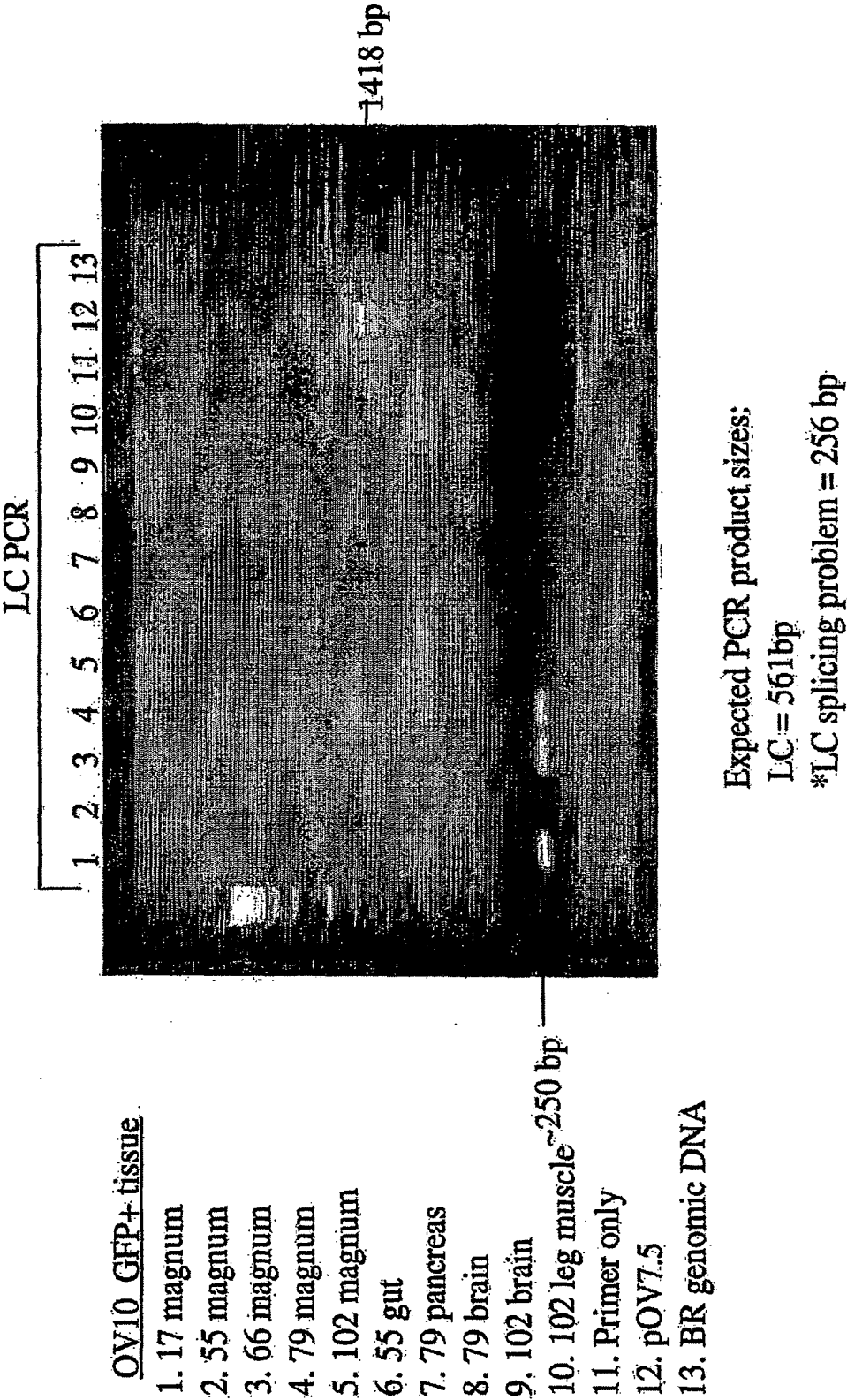
- HC: 1394 bp
- β -actin: 595 bp



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RT-PCR OV10 Experiment

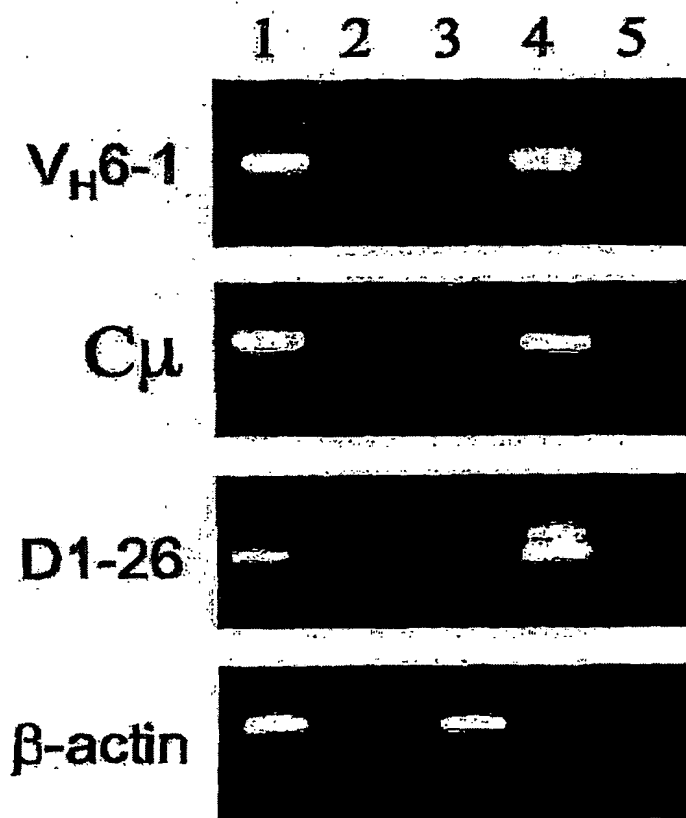
FIG 10D



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FIG 11

PCR analysis of BAC-A ES cells



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Fig 12

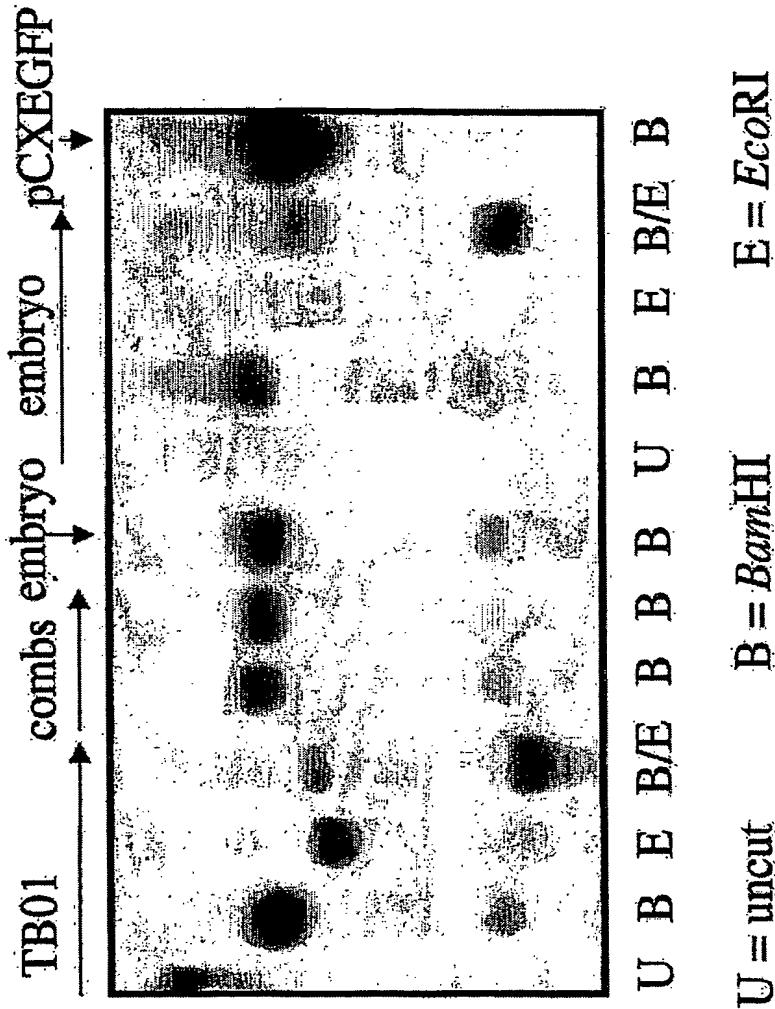
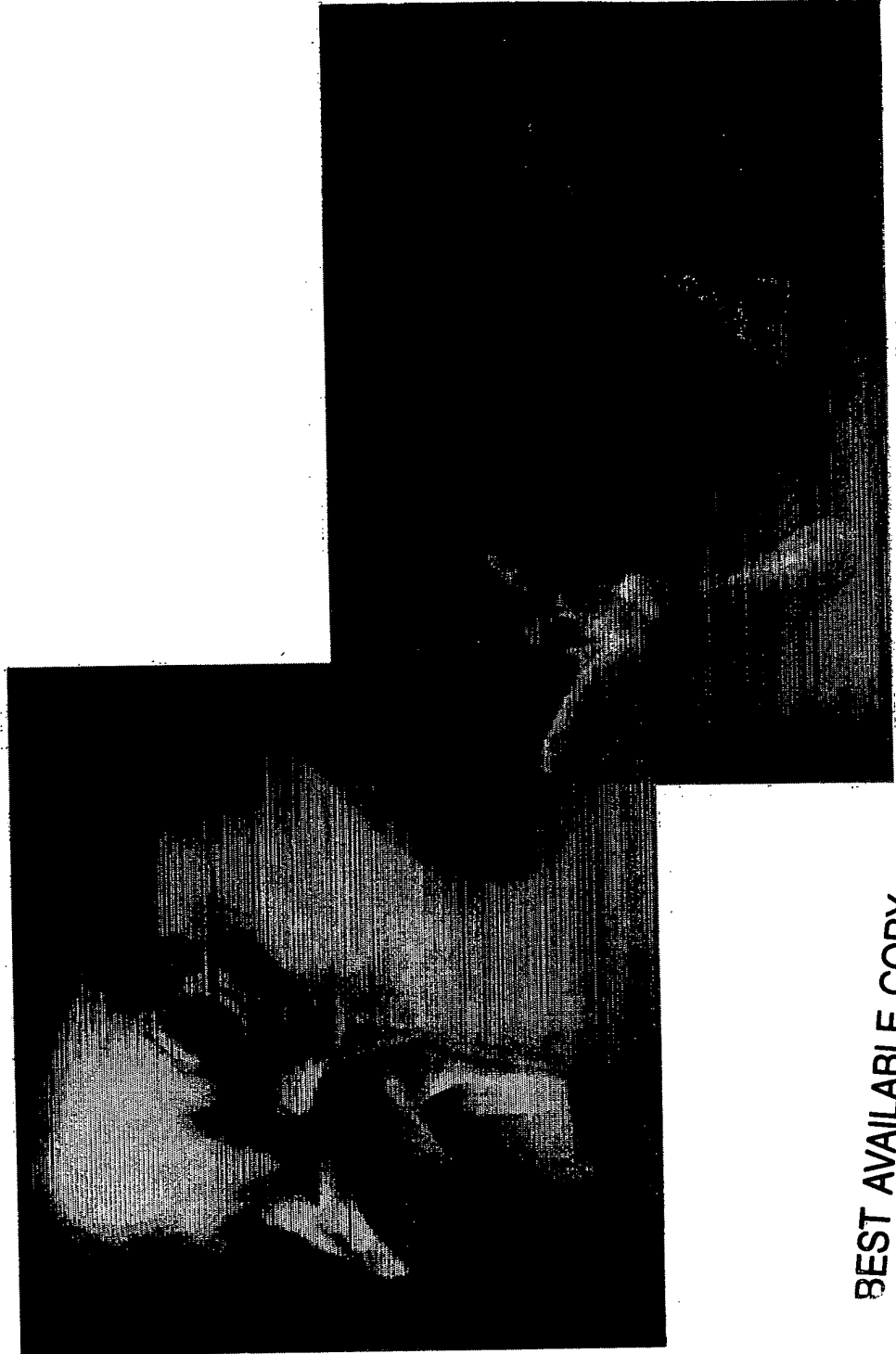


Fig 13



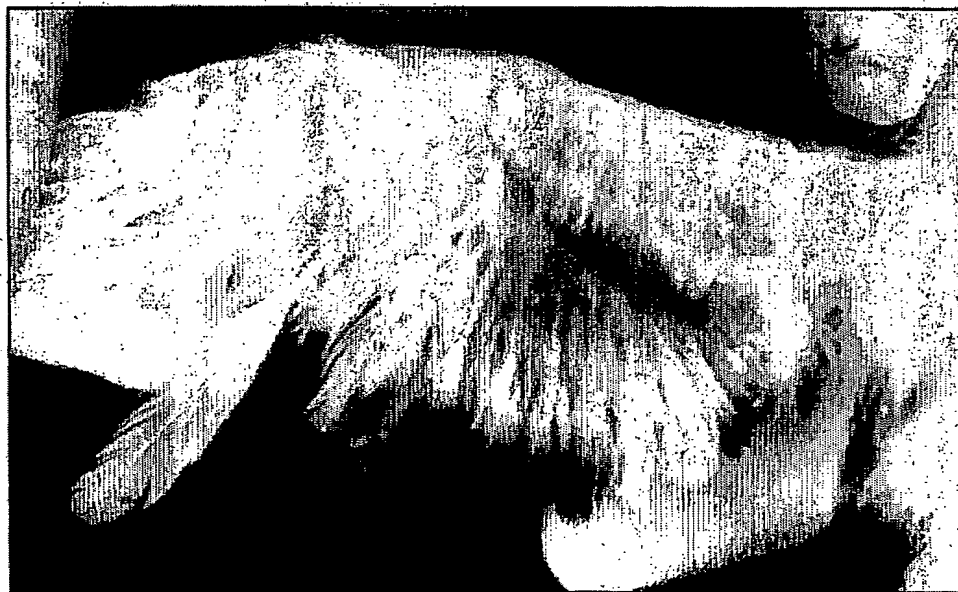
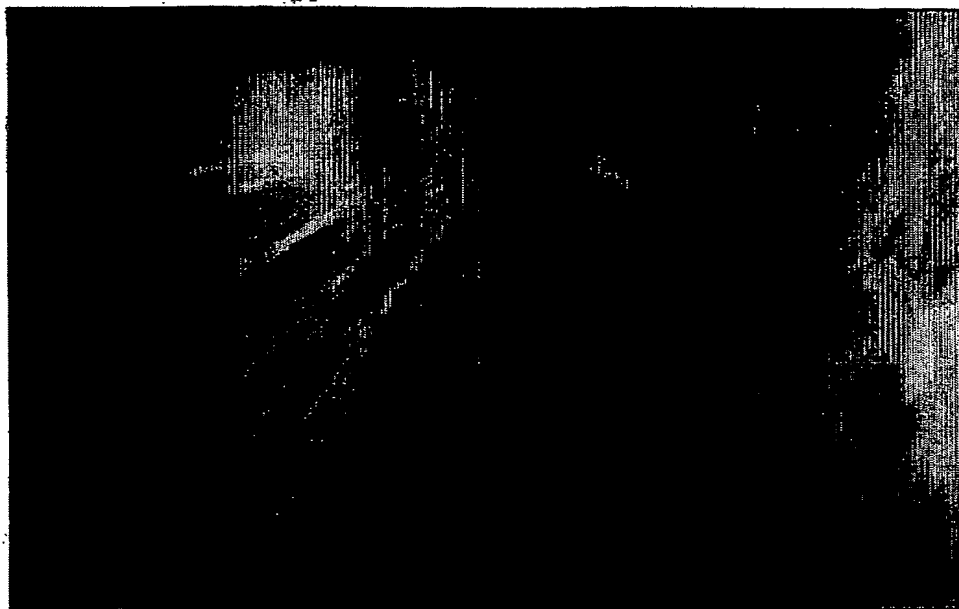
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Fig 14



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Fig 15



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Fig 16



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Fig 17



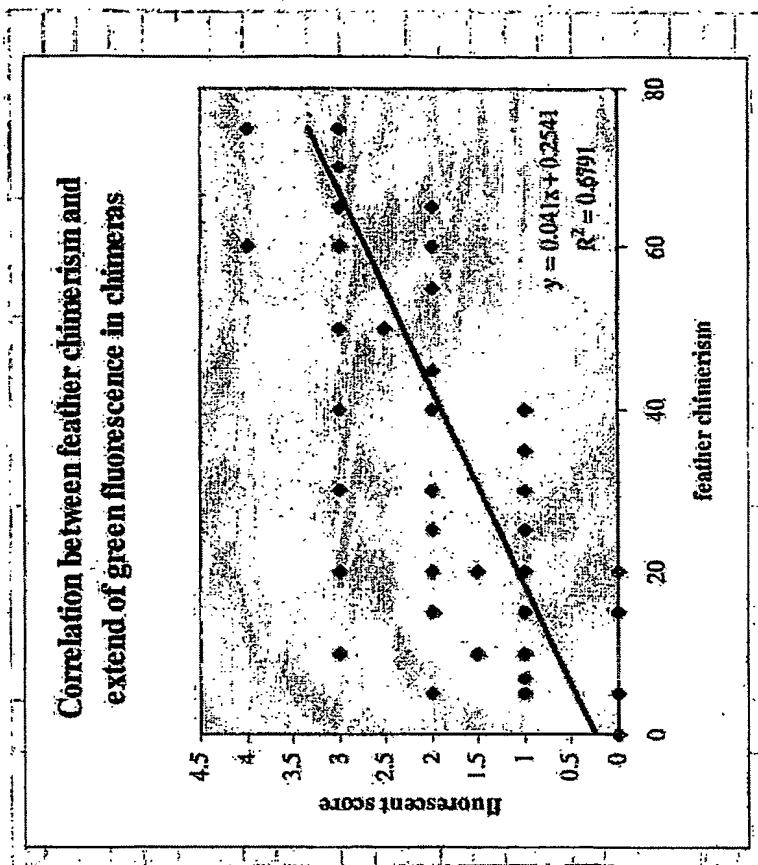
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Fig 18



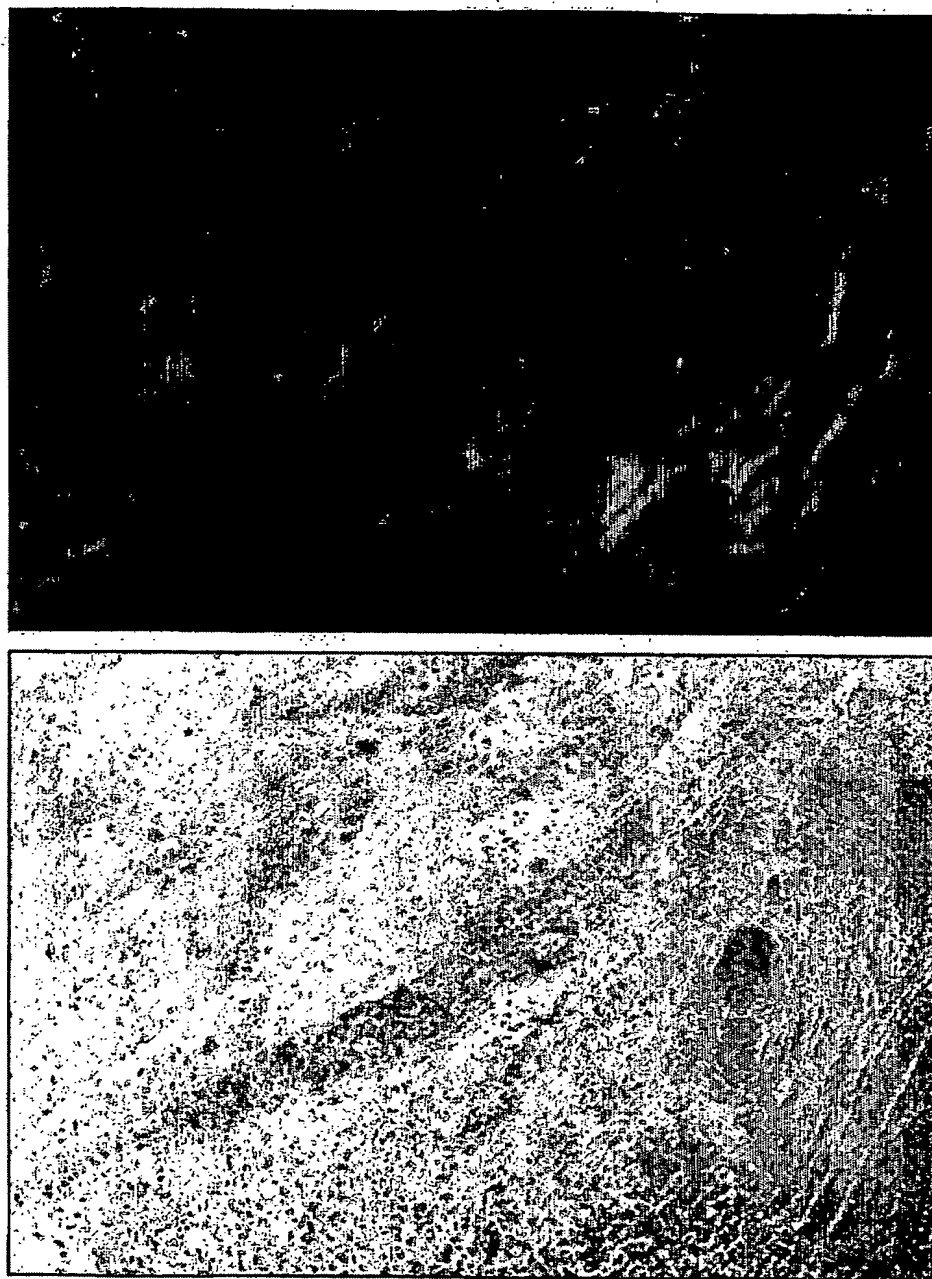
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Fig 19



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Fig 20



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Fig 21

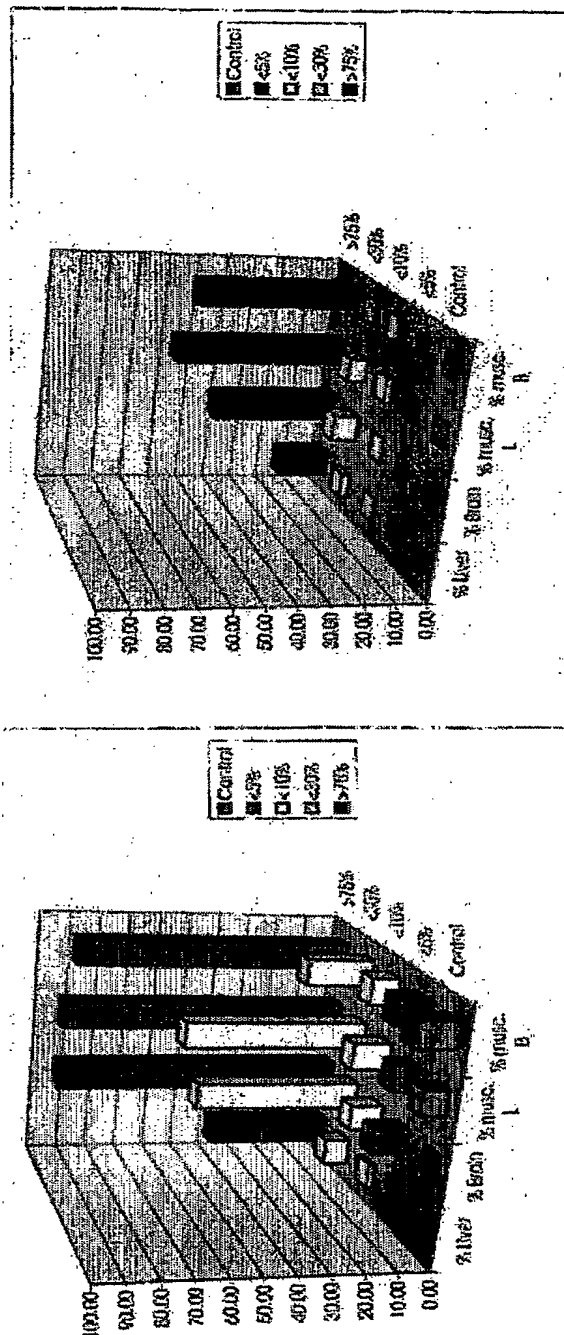
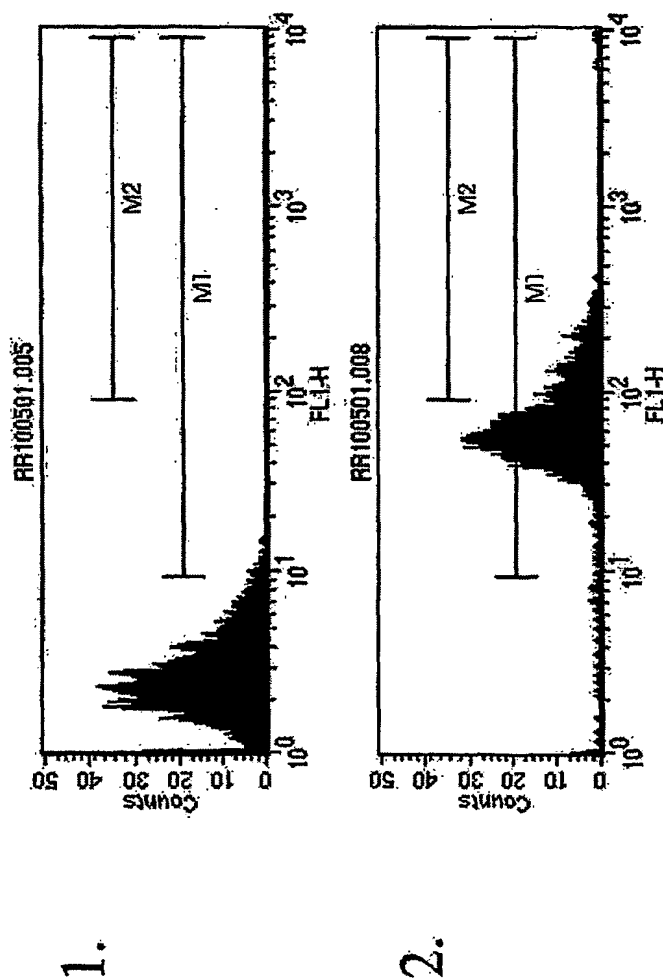


Fig 22

Flow cytometric analysis of green fluorescence from Dispersed brain cells from juvenile chimeras. Cell count on y-axis, fluorescence intensity on x-axis.

- 1 - chimeras made with untransfected cES cells
- 2 - chimeras made with cES cells stably transfected with GFP

Light Illumination



UV Illumination

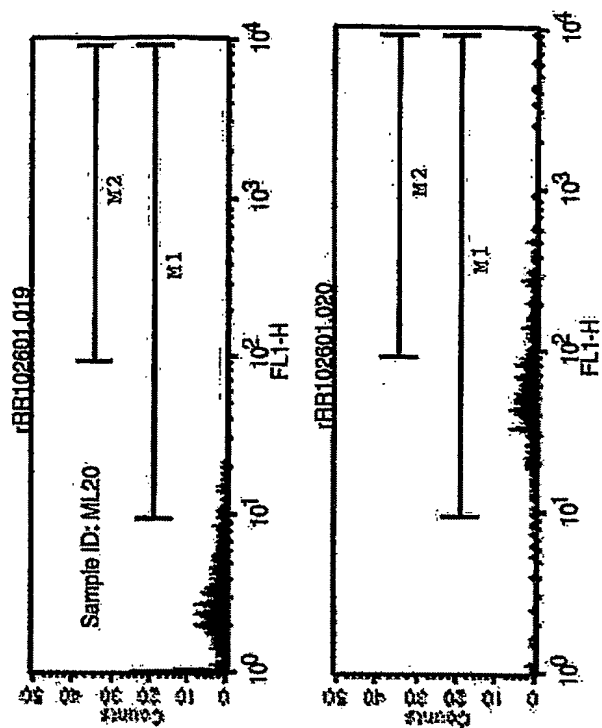


Fig 23